

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1154	(715/500).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/12 08:57
L2	4005	(382/180-189).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/12 08:57
L3	468	(455/564).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/12 08:57
L4	293	(341/28).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/12 08:57
L5	5905	1 2 3 4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/12 08:58
L6	5453	5 and @ad<="20040527"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/12 08:58
L7	1256	6 and (chinese or korean or japanese or pictogr\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/12 08:58
L8	56	7 and (partial\$2 with input\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/12 08:59

## EAST Search History

S1	96	("5802534" "5255189" "5680520" "5742705" "5778161" "5854884" "5926618" "6064802" "6801659" "7013258" "5812697" "4484305" "6225989" "6225989" "5790055" "4953225" "4870402" "5959629" "6002390" "4284975" "4317109" "4366506" "4498189" "4607386" "4777600" "4903313" "4955060" "4962432" "5047932" "5257322" "5287275" "5319552" "5355231" "5465305" "5488720" "5557789" "5617314" "5802536" "5812696" "5832428" "5835924" "5841901" "5870750" "5946499" "5999951" "6011561" "6144764" "6182099" "6192151" "6212298").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 08:02
S2	96	("5802534" "5255189" "5680520" "5742705" "5778161" "5854884" "5926618" "6064802" "6801659" "7013258" "5812697" "4484305" "6225989" "6225989" "5790055" "4953225" "4870402" "5959629" "6002390" "4284975" "4317109" "4366506" "4498189" "4607386" "4777600" "4903313" "4955060" "4962432" "5047932" "5257322" "5287275" "5319552" "5355231" "5465305" "5488720" "5557789" "5617314" "5802536" "5812696" "5832428" "5835924" "5841901" "5870750" "5946499" "5999951" "6011561" "6144764" "6182099" "6192151" "6212298").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:44
S3	64	S2 and (chinese or korean or japanese)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:45
S4	12	S2 and (chinese or korean or japanese) and (rank\$3 or priorit\$3 or favorite\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 10:26
S5	12	S4 and 2ad<="20040527"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 10:26

## EAST Search History

S6	0	S5 and mobile	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:46
S7	10	S5 and order\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:47
S8	8	S5 and order\$3 and search\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:47
S9	1	S8 and portable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 10:04
S10	1	S9 and frequenc\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 10:05
S11	7	S8 and frequenc\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 10:09
S12	1	S11 and (portable or cellular or mobile or pda or phone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 10:09
S13	8	("4251871"   "4739318"   "5793360"   "5797098"   "6148104"   "6396950"   "6738514").PN. OR ("6801659").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 10:09
S14	12	("3754459"   "4365235"   "4561105"   "4653107"   "4829583"   "5521986"   "5699455"   "5787197"   "5926566").PN. OR ("6148104").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 10:24
S15	2	S14 and weight\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 10:25

## EAST Search History

S16	14	S2 and (chinese or korean or japanese) and (weight\$3 or rank\$3 or priorit\$3 or favorite\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 10:26
S17	14	S16 and @ad<="20040527"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 10:27
S18	5	S17 and weight\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 10:27
S19	18	(US-6970599-\$ or US-4251871-\$ or US-6738514-\$ or US-3754459-\$ or US-4365235-\$ or US-4561105-\$ or US-4653107-\$ or US-4829583-\$ or US-6956968-\$ or US-5557789-\$ or US-5742705-\$ or US-5797098-\$ or US-6801659-\$ or US-6148104-\$ or US-6396950-\$ or US-5699455-\$ or US-5926566-\$ or US-5812697-\$). did.	USPAT	OR	OFF	2006/05/05 14:37
S20	13	S19 and (usage\$1 or frequenc\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/05 14:40
S21	4	S19 and (usage\$1 or (frequenc\$3 adj us\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/05 14:42
S22	2	S19 and ((usage\$1 or (frequenc\$3 adj us\$3)) with (order\$3 or rank\$3 or rat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/05 14:50
S23	1222	(text\$1 near5 (input\$4 or typ\$3 or writ\$3)) with (mobile or pervasive or pda or ((limit\$3 or reduc\$3) adj2 keyboard\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/05 14:48
S24	969	S23 and @ad<="20040527"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/05 14:49

## EAST Search History

S25	638	S24 and ((usage\$1 or (frequenc\$3 adj us\$3) or order\$3 or rank\$3 or rat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/05 14:51
S26	454	S25 and ((text\$1 or character\$1 or ideograph\$3) with (enter\$3 or input\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/05 14:55
S27	208	S26 and (display\$3 with (choice\$1 or option\$1 or letter\$1 or character\$1 or ideograph\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/05 14:57
S28	8	S27 and (reorder\$3 or (re adj order\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/05 14:58
S29	30	S26 and (reorder\$3 or (re adj order\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/05 14:58
S30	1223	(text\$1 near5 (input\$4 or typ\$3 or writ\$3)) with (mobile or pervasive or pda or ((limit\$3 or reduc\$3) adj2 keyboard\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:28
S31	969	S30 and @ad<="20040527"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:32
S32	23	US-3644898-\$.DID. OR US-4330845-\$.DID. OR US-4471459-\$.DID. OR US-4499553-\$.DID. OR US-4689768-\$.DID. OR US-4782464-\$.DID. OR US-4783761-\$.DID. OR US-5845300-\$.DID. OR US-5963666-\$.DID. OR US-6167411-\$.DID. OR US-6502114-\$.DID. OR US-5821512-\$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:33

## EAST Search History

S33	24	US-4648044-\$.DID. OR US-5594640-\$.DID. OR US-5835635-\$.DID. OR US-5864340-\$.DID. OR US-6026233-\$.DID. OR US-6037942-\$.DID. OR US-6167412-\$.DID. OR US-6286064-\$.DID. OR US-6405060-\$.DID. OR US-6442295-\$.DID. OR US-6751603-\$.DID. OR US-7003446-\$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:33
S34	18	US-4847766-\$.DID. OR US-4980855-\$.DID. OR US-5060154-\$.DID. OR US-5261112-\$.DID. OR US-5657397-\$.DID. OR US-5805158-\$.DID. OR US-5805159-\$.DID. OR US-5977948-\$.DID. OR US-5982351-\$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:34
S35	65	S32 S33 S34	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:34
S36	17	S35 and (probabilit\$3 or likelihood\$1 or rank\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:36
S37	12	S35 and ((display\$3 or present\$3) with (pluralit\$3 with character\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:39
S38	4740	((arrang\$3 or order\$3 or sort\$3) with (pluralit\$3 with character\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:39
S39	0	((arrang\$3 or order\$3 or sort\$3) with (pluralit\$3 with character\$1)) with (popularit\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:39
S40	92	((arrang\$3 or order\$3 or sort\$3) with (pluralit\$3 with character\$1)) with (frequenc\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:42

## EAST Search History

S41	0	S35 and ((arrang\$3 or order\$3 or sort\$3) with (pluralit\$3 with character\$1)) with (frequenc\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:42
S42	6	S35 and (select\$3 with (pluralit\$3 near3 character\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:44
S43	1593	S35 (virtual adj keyboard\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:44
S44	3	S35 and (virtual adj keyboard\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:44
S45	112	(construct\$3 or render\$3 or creat\$3 or build\$3) with (virtual adj keyboard\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:45
S46	40	S45 and (frequenc\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:46
S47	4	S45 and (frequenc\$3 adj3 us\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:49
S48	11	S35 and weight\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:55
S49	0	S35 and (adjust\$3 with weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:50
S50	0	S35 and (chang\$3 with weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:51

## EAST Search History

S51	0	S35 and (modify\$3 with weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:53
S52	20	("5060980"   "5146553"   "5187787"   "5208907"   "5255363"   "5257369"   "5265246"   "5276793"   "5355505"   "5367619"   "5666502").PN. OR ("5864340"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/08 12:52
S53	0	S52 and (modify\$3 with weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:54
S54	4	S52 and (weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:53
S55	1	S52 and (updat\$3 with weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:54
S56	0	S35 and (updat\$3 with weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:56
S57	3	S30 and (updat\$3 with weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:56
S58	56	(text\$1 or character\$1 or ideographic\$1) with (updat\$3 with weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:57
S59	10	(text\$1 or character\$1 or ideographic\$1) with (input\$4) with (updat\$3 with weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:59



## EAST Search History

S60	56	(text\$1 or character\$1 or ideographic\$1) with (updat\$3 with weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 12:59
S61	138	(text\$1 or character\$1 or ideographic\$1) same (updat\$3 with weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 13:00
S62	0	S61 and (oder\$3 with (frequenc\$3 with us\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 13:03
S63	7	S61 and (order\$3 with (frequenc\$3 with us\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 13:02
S64	21	(US-6646573-\$ or US-6636162-\$ or US-5557789-\$ or US-5699455-\$ or US-5742705-\$ or US-5797098-\$ or US-5812697-\$ or US-5926566-\$ or US-6148104-\$ or US-6396950-\$ or US-6738514-\$ or US-6801659-\$ or US-6956968-\$ or US-3754459-\$ or US-4251871-\$ or US-6970599-\$ or US-4365235-\$ or US-4561105-\$ or US-4653107-\$ or US-4829583-\$ or US-6829607-\$).did.	USPAT	OR	OFF	2006/05/08 13:03
S65	0	S64 and (oder\$3 with (frequenc\$3 with us\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 13:03
S66	16	S64 and (order\$3 with (character\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 13:07
S67	3	S64 and (((re adj order\$3) or (re adj arrang\$3)) with (character\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 13:08

## EAST Search History

S68	21	(US-6970599-\$ or US-5699455-\$ or US-5557789-\$ or US-4829583-\$ or US-4653107-\$ or US-6646573-\$ or US-6636162-\$ or US-6829607-\$ or US-5742705-\$ or US-5812697-\$ or US-6148104-\$ or US-5926566-\$ or US-6801659-\$ or US-6396950-\$ or US-4561105-\$ or US-4365235-\$ or US-4251871-\$ or US-3754459-\$ or US-6956968-\$ or US-6738514-\$ or US-5797098-\$).did.	USPAT	OR	OFF	2006/05/09 09:22
S69	15	S68 and frequenc\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/09 08:40
S70	11	S68 and frequenc\$3 and updat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/09 08:37
S71	3	S68 and (updat\$3 with weight\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/09 08:42
S72	15	S68 and (updat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/09 08:43
S73	8	S68 and (weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/09 08:43
S74	5	S68 and ((adjust\$3 or updat\$3 or refin\$3) with (weight\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/09 08:47
S75	5	S74 and (weight\$3 with ("1" or one or unity))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/09 08:47
S76	18	S68 and (select\$3 with character\$1)	USPAT	OR	OFF	2006/05/09 09:01
S77	4	S75 and S76	USPAT	OR	OFF	2006/05/09 09:01

## EAST Search History

S78	16	S68 and (select\$3 near character\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/09 09:25
S79	16	S68 and (input\$4 near character\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/09 10:23
S80	7	S68 and ((input\$4 or edit\$3) near (mode\$1 or code\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/09 10:25
S81	0	S68 and (adjust\$3 with weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/09 10:25
S82	8	S68 and (weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/09 10:26
S83	2	S68 and (weight\$3) and phone\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/09 10:27
S84	2	S68 and ((maximum or minimum or pre-determined or (pre adj determin\$3)) with weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/09 10:29
S85	751	((maximum or minimum or pre-determined or (pre adj determin\$3)) with weight\$3) and ((mobile or cell) adj phone\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/09 10:33
S86	600	S85 and @ad<="20040527"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/09 10:32
S87	72	S86 and ((text\$1 or character\$1 or word\$1) with input\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/09 10:32

## EAST Search History

S88	4	((maximum or minimum or pre-determined or (pre adj determin\$3)) with weight\$3) with ((mobile or cell) adj phone\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/09 10:33
S89	21	(US-6956968-\$ or US-6738514-\$ or US-6396950-\$ or US-6148104-\$ or US-5797098-\$ or US-6801659-\$ or US-5557789-\$ or US-5812697-\$ or US-5742705-\$ or US-4561105-\$ or US-3754459-\$ or US-4251871-\$ or US-6646573-\$ or US-6636162-\$ or US-4829583-\$ or US-5926566-\$ or US-6970599-\$ or US-5699455-\$ or US-4365235-\$ or US-4653107-\$ or US-6829607-\$).did.	USPAT	OR	OFF	2006/05/22 15:39
S90	0	S89 and unicode\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 15:39
S91	1	S89 and (virtual adj keyboard\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 15:42
S92	0	S89 and (normaliz\$3 with weight\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 15:43
S93	277	(input\$1 with (normaliz\$3 with weight\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 15:43
S94	253	S93 and @ad<="20040527"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 15:47
S95	73	S94 and (cellular or mobile or portable)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 15:46
S96	8	S95 and ((input\$4 or enter\$3) with (character\$1 or code\$1 or unicode\$1 or ideogra\$3 or letter\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 15:46

## EAST Search History

S97	529047	((cellular or mobile or portable) with (device\$1 or phone\$1 or telephone\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 15:47
S98	363786	((cellular or mobile or portable) near (device\$1 or phone\$1 or telephone\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 15:47
S99	317659	S98 and @ad<="20040527"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 15:47
S10 0	111699	S99 and (reduce\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 15:47
S10 1	116012	S99 and (reduce\$1 or minimal\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 15:48
S10 2	1019	S101 and (ambiguous\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 15:49
S10 3	317	S102 and (weight\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 15:49
S10 4	468	S102 and (weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 15:49
S10 5	81	S102 and ((weight\$3) with (character\$1 or input\$1 or letter\$1 or ideogr\$3 or stroke\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 15:53
S10 6	2	("5,818,437").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 15:54

## EAST Search History

S10 7	0	(345/326).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 15:54
S10 8	135	(715/811).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 15:54
S10 9	13	S108 and (ambiguous\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 15:56
S11 0	6	S109 and weight\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 15:57
S11 1	0	S109 and (initial\$2 with weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 15:57
S11 2	2	S108 and (initial\$2 with weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 15:57
S11 3	27	(US-20060028450-\$).did. or (US-5557789-\$ or US-5699455-\$ or US-5742705-\$ or US-5797098-\$ or US-5926566-\$ or US-5812697-\$ or US-3754459-\$ or US-4251871-\$ or US-4365235-\$ or US-4561105-\$ or US-4653107-\$ or US-4829583-\$ or US-6148104-\$ or US-6396950-\$ or US-6636162-\$ or US-6646573-\$ or US-6738514-\$ or US-6801659-\$ or US-6829607-\$ or US-6956968-\$ or US-6970599-\$ or US-5818437-\$ or US-6392640-\$ or US-6307548-\$ or US-6407679-\$ or US-6011554-\$). did.	US-PGPUB; USPAT	OR	OFF	2006/05/25 08:58
S11 4	22	S113 and (usage\$1 or frequenc\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 09:58

## EAST Search History

S11 5	15	S113 and (usage\$1 or frequenc\$3) and (chinese or japanese or korean)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 09:08
S11 6	8	S113 and (usage\$1 or frequenc\$3) and (chinese or japanese or korean) and (phone or mobile or cellular or pda or wireless or portable)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 09:57
S11 7	2	S116 and ((chang\$3 or adjust\$3) with (frequenc\$3 or usage\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 09:17
S11 8	6	S114 and ((chang\$3 or adjust\$3) with (frequenc\$3 or usage\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 09:19
S11 9	6	S114 and ((chang\$3 or adjust\$3) with (frequenc\$3 or usage\$1)) and "1"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 09:26
S12 0	24	S113 and ((select\$3 or choos\$3) with (character\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 09:27
S12 1	6	S119 and S120	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 09:27
S12 2	22	(US-20060028450-\$).did. or (US-5557789-\$ or US-5699455-\$ or US-5742705-\$ or US-5797098-\$ or US-5926566-\$ or US-5812697-\$ or US-3754459-\$ or US-4251871-\$ or US-4365235-\$ or US-4561105-\$ or US-4653107-\$ or US-4829583-\$ or US-6396950-\$ or US-6646573-\$ or US-6829607-\$ or US-6970599-\$ or US-5818437-\$ or US-6392640-\$ or US-6307548-\$ or US-6407679-\$ or US-6011554-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/05/25 09:51

## EAST Search History

S12 3	3	S122 and (usage\$1 or frequenc\$3) and (chinese or japanese or korean) and (phone or mobile or cellular or pda or wireless or portable)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 10:21
S12 4	17	S122 and (usage\$1 or frequenc\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 09:58
S12 5	12	(US-5557789-\$ or US-5699455-\$ or US-5742705-\$ or US-5797098-\$ or US-5926566-\$ or US-5812697-\$ or US-3754459-\$ or US-4251871-\$ or US-4561105-\$ or US-4653107-\$ or US-6646573-\$ or US-6307548-\$). did.	USPAT	OR	OFF	2006/05/25 10:14
S12 6	10	(US-5557789-\$ or US-5699455-\$ or US-5742705-\$ or US-5797098-\$ or US-5926566-\$ or US-5812697-\$ or US-4251871-\$ or US-4561105-\$ or US-6646573-\$ or US-6307548-\$). did.	USPAT	OR	OFF	2006/05/25 10:17
S12 7	8	S126 and (chines or japanese or korean)	USPAT	OR	OFF	2006/05/25 10:18
S12 8	8	(US-5557789-\$ or US-5699455-\$ or US-5742705-\$ or US-5797098-\$ or US-5926566-\$ or US-5812697-\$ or US-6646573-\$ or US-6307548-\$). did.	USPAT	OR	OFF	2006/05/25 10:20
S12 9	2	S128 and (usage\$1 or frequenc\$3) and (chinese or japanese or korean) and (phone or mobile or cellular or pda or wireless or portable)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 10:21
S13 0	2	("6,646,573").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/08 14:12